

INFORMATION DISCLOSURE CITATION (Use several sheets if necessary)		Docket Number (Optional) BSS0005			Application Number 10/781,968			
		Applicant(s) Sczai Sablak						
		Filing Date February 19, 2004			Group Art Unit Unknown			
U.S. PATENT DOCUMENTS								
EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
U/S		4,403,256	9/6/83	Green et al.				
		4,410,914	10/18/83	Siau				
		4,476,494	10/9/84	Tugayé				
		4,897,719	1/30/90	Griffin				
		4,959,725	9/25/90	Mandle				
		5,237,405	8/17/93	Egusa et al.				
		5,371,539	12/6/94	Okino et al.				
		5,563,652	10/8/96	Toba et al.				
		5,629,988	5/13/97	Burt et al.				
FOREIGN PATENT DOCUMENTS								
	REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
							YES	NO
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)								
U/S		"Computer vision sensor for autonomous helicopter hover stabilization", Carl-Henrik Oertel, SPIE Vol. 3088, pp. 121-129, (1977)						
		"Development of image stabilization system for remote operation of walking robots", Kurazume et al, IEEE Vol. 2, pp. 1856-1861, (2000)						
		"Dynamic Stabilization of a Pan and Tilt Camera for Submarine Image Visualization", Arnel Crctual et al., Computer Vision and Image Understanding 79, pp. 47-65, (2000)						
		"Stabilization, restoration and resolution enhancement of a video sequence captured by a moving and vibrating platform", A. Stern, et al., Applications of Digital Image Processing XXIV, Proceedings of SPIE Vol. 4472 (2001) pp. 65-74						
		"A Stable Vision System for Moving Vehicles", Jesse S. Jin et al., IEEE Transactions of Intelligent Transportation System, vol. 1, No. 1, March 2000, pp. 32-39						
		"Camera Tracking for Augmented Reality Media", Bolan Jiang et al., 2000 IEEE, Vol. III, pp. 1637-1640						
EXAMINER <i>[Signature]</i>				DATE CONSIDERED <i>04/29/07</i>				
EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP Section 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.								

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U.S. PATENT DOCUMENTS								
EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
YUA ↑ ↓		5,648,815	7/15/97	Toba				
		5,798,786	8/25/98	Lareau et al.				
		5,909,242	6/1/99	Kobayashi et al.				
		5,953,079	9/14/99	Burl et al.				
		6,154,317	11/28/00	Segerstrom et al.				
		6,211,913	4/3/01	Hansen et al.				
		6,396,961	5/28/02	Wixson et al.				
		6,459,822	10/1/02	Hathaway et al.				
FOREIGN PATENT DOCUMENTS								
	REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
							YES	NO
OTHER DOCUMENTS <i>(Including Author, Title, Date, Pertinent Pages, Etc.)</i>								
		✓ "Fast Normalized Cross-Correlation", J.P. Lewis, expanded version of a paper from Vision Interface, 1995 (reference [10])						
YUA		✓ "A Novel Affine Template Matching Method and Its Application to Real-Time Tracking", Ismail Oner Sebe, et al., AST San Diego Lab, STMicroelectronics Inc.						
↑		✓ "A simple and efficient template matching algorithm", Frederic Jurie et al., LASMEA - UMR 6602 of CNRS, Blaise-Pascal University, F-63177 Aubiere, France						
↓		✓ "Real Time Robust Template Matching", Frederic Jurie et al., LASMEA - UMR 6602, Universite Blaise-Pascal, F-63177 Aubiere, France, pp. 123-132						
EXAMINER				DATE CONSIDERED				
YUA				04/29/07				
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U.S. PATENT DOCUMENTS

EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASSES	FILING DATE IF APPROPRIATE
U I P A ↑ ↓		RE38,420	2/10/04	Thomas			
		5,502,482	3/26/96	Graham			
		5,012,347	4/30/91	Fournier			
		5,430,480	7/4/95	Allen et al.			
		5,438,360	8/1/95	Edwards			
		5,608,703	3/4/97	Washisu			
		5,629,988	5/13/97	Burt et al.			
		5,835,138	11/10/98	Kondo			
		5,926,212	7/20/99	Kondo			
		5,973,733	10/26/99	Gove			
	6,100,925	8/8/00	Rosser et al.				

FOREIGN PATENT DOCUMENTS

REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
						YES	NO

OTHER DOCUMENTS *(Including Author, Title, Date, Pertinent Pages, Etc.)*

EXAMINER <i>YIP</i>	DATE CONSIDERED <i>04/09/07</i>
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U.S. PATENT DOCUMENTS

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U.S.A. ↑ ↓		6,144,405	11/7/00	Toba			
		6,317,3087	1/9/01	Kumar et al.			
		6,211,912	4/3/01	Shahrray			
		6,628,711	9/30/03	Mathew et al.			
		6,734,901	5/11/04	Kudo et al.			
		6,778,210	8/17/04	Sugahara et al.			
		6,781,622	8/24/04	Sato et al.			
		2002/0008758	1/24/02	Broemmelsiek et al.			
		2002/0030741	3/14/02	Broemmelsiek			
		2004/0130628	7/8/04	Stavely			

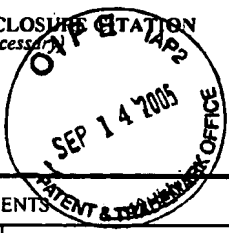
FOREIGN PATENT DOCUMENTS

	REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
							YES	NO

OTHER DOCUMENTS *(Including Author, Title, Date, Pertinent Pages, Etc.)*

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U.S. PATENT DOCUMENTS

EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
YCA		US2002/0140813	10/3/02	Trajkovic et al.			
		US2002/0140814	10/3/02	Cohen-Solal et al.			
		US2002/0167537	11/14/02	Trajkovic			
		US2002/0168091	11/14/02	Trajkovic			
		US2003/0137589	7/24/03	Miyata			
		US2003/0227555	12/11/03	Kobayashi et al.			
		5,264,933	11/23/93	Rosser et al.			
		5,353,392	10/4/94	Luquet et al.			
		5,436,672	7/25/95	Medioni et al.			
		5,491,517	2/13/96	Kreitman et al.			
	5,517,236	5/14/96	Sergeant et al.				

FOREIGN PATENT DOCUMENTS

	REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
							YES	NO
YCA		EP 0557007A2	8/25/93	Europe				
		EP 1081955A2	3/7/01	Europe				
		JP 03286211	12/17/91	Japan Abstract Only				
		JP62229082	10/7/87	Japan Abstract Only				
		WO 01/69930A1	9/20/01	PCT				

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

YCA		T.E. Boulton, R. Michaels, A. Erkan, P. Lewis, C. Powers, C. Qian, and W. Yin, "Frame-Rate Multi-Body Tracking for Surveillance," Proceeding of the DARPA Image Understanding Workshop, Nov. 1998.
		I. Haritaoglu, D. Harwood, and L.S. Davis, "W4: Real-time surveillance of People and their Activities," IEEE Trans. Pattern Analysis and Machine Intelligence, 22(8): 809-830, August 2000
		I. Haritaoglu, et al., "W4: Who? When? Where? What? A real Time System for Detecting and Tracking People," International Conference on Face and Gesture Recognition; Nara, Japan, April 14-16, 1998

EXAMINER <i>[Signature]</i>	DATE CONSIDERED 04/29/07
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EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
YUA ↑		5,528,319	7/18/96	Austin			
		5,610,653	3/11/97	Abecassis			
		5,627,616	5/6/97	Sergeant et al.			
		5,629,984	5/13/97	McManis			
		5,731,846	3/24/98	Kreitman et al.			
		5,754,225	5/19/98	Naganuma			
		5,798,787	8/25/98	Yamaguchi et al.			
		5,801,770	9/1/98	Paff et al.			
		5,963,248	10/5/99	Ohkawa et al.			
		5,963,371	10/5/99	Needham et al.			
Y		5,969,755	10/19/99	Courtney			

FOREIGN PATENT DOCUMENTS

	REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
							YES	NO
YUA ↑ ↓		WO 01/69932A1	9/20/01	PCT				
		WO 94/28377	12/8/94	PCT				
		JP2001-061137A	3/6/01	Japan				

OTHER DOCUMENTS

(Including Author, Title, Date, Pertinent Pages, Etc.)

YUA	J. Segen and G. Pingali, "A Camera-based System for Tracking People in Real Time," In Proc. International Conference on Pattern Recognition, pages 63-67, 1996
YUA	C.R. Wren, A. Azarbajani, T. Darrell, and A.P. Pentland, "Pfinder: Real-time Tracking of the Human Body," IEEE Trans. Pattern Analysis and Machine Intelligence, 19(7): 780-785, July 1997
YUA	Webpage: www.polywell.com/security/digital1/apps.html "DIGITAL VIDEO SYSTEM-BASIC SYSTEM APPLICATIONS"

EXAMINER YUA	DATE CONSIDERED 07/29/07
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U.S. PATENT DOCUMENTS								
EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
UCR		5,982,420	11/9/99	Gove				
		6,067,399	5/23/00	Berger				
		6,181,345	1/30/01	Richard				
		6,208,379	3/27/01	Oya et al.				
		6,208,386	3/27/01	Wilf et al.				
		6,263,088	7/17/01	Crabtree et al.				
		6,295,367	9/25/01	Crabtree et al.				
		6,384,871	5/7/02	Wilf et al.				
		6,424,370	7/23/02	Courtney				
		6,437,819	8/20/02	Loveland				
	6,441,864	8/27/02	Minami et al.					
FOREIGN PATENT DOCUMENTS								
	REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
							YES	NO
OTHER DOCUMENTS <i>(Including Author, Title, Date, Pertinent Pages, Etc.)</i>								
UCR		New Product Announcement; Integral Technologies, Inc., FIRST LINE DVA DIGITAL RECORDER, 3/1/2002						
UCR		Product Brochure; Primary Image, VIDEOTRACKER DIGITAL VIDEO MOTION DETECTOR, 1998						
UCR		Webpage: www.dvrsecuritysystems.com, DVR Security Systems, SENTRY V800 SERIES DIGITAL VIDEO RECORDERS						
EXAMINER	YAS			DATE CONSIDERED	01/29/07			
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U.S. PATENT DOCUMENTS

EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
UJA		6,442,474	8/27/02	Trajkovic			
YCA		6,478,425	11/12/02	Trajkovic et al.			
UJA		6,509,926	1/21/03	Mills et al.			

FOREIGN PATENT DOCUMENTS

	REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
							YES	NO

OTHER DOCUMENTS

(Including Author, Title, Date, Pertinent Pages, Etc.)

UJA	Webpage: www.intelligentvideosystems.com , Products page, REMOTE STATION
UJA	Webpage: www.spacewalker.com , Shuttle NVS, Digital Video Recorder,
UJA	Webpage: www.skywaysecurity.com , Remote Video Surveillance systems, G-MAS Economy 6000 Series Digital Video Recorders
UJA	Product Brochure, Fire Sentry Corporation, VSD-8 VISUAL SMOKE DETECTION SYSTEM, 2001

EXAMINER <i>YCA</i>	DATE CONSIDERED <i>09/29/07</i>
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